

From: [Alan McHughen](#)
To: [Morris, Shane](#); [Channa Prakash](#); gary.marchant@asu.edu
Cc: [Dennis Karjala](#); [Joshua Abbott](#); ystevens@asu.edu; dkershen@ou.edu; steve.Strauss@oregonstate.edu; tpr@geeclaw.com; bchassy@illinois.edu; henry.miller@stanford.edu; jsax@cwsl.edu; [Charles Arntzen](#); alvaneenennaam@ucdavis.edu; nvf1@psu.edu; amassey@bio.org; [Wozniak, Chris](#); scarter@jcv.org; rfriedman@jcv.org; lvq@outlook.com; jon@jonentine.com; kfolta@ufl.edu; kjbradford@ucdavis.edu; [James Collins](#); jdmurray@ucdavis.edu; bslutsky@amseed.org; [Guy Cardineau](#); jolewis@ucdavis.edu; mark@recombinetics.com; [Deborah Relph](#); [Lauren Burkhart](#)
Subject: RE: European call to loosen up regulation for genome editing
Date: Tuesday, December 23, 2014 3:41:43 PM

Great document, Shane, but good luck getting the EU to do anything logical, rational or scientifically sound.

They can't even decide whether intraspecific grafts are captured by their definition of GMO, almost 25 years after passing 90/220 (when I asked folks at the DG-SANCO that specific question, they sent it to their lawyers for a legal opinion. Still awaiting an answer).

And with the sacking of their official science advisor because 'scientific advice is superfluous', the EU is hardly the enlightened continent it was 600 years ago.

Cheers,
Alan

From: Morris, Shane [mailto:Shane.Morris@NRCan-RNCan.gc.ca]
Sent: Tuesday, December 23, 2014 12:28 PM
To: Channa Prakash; Gary Marchant
Cc: Dennis Karjala; Joshua Abbott; ystevens@asu.edu; dkershen@ou.edu; Alan McHughen; steve.Strauss@oregonstate.edu; tpr@geeclaw.com; bchassy@illinois.edu; henry.miller@stanford.edu; jsax@cwsl.edu; Charles Arntzen; alvaneenennaam@ucdavis.edu; nvf1@psu.edu; amassey@bio.org; wozniak.chris@epa.gov; scarter@jcv.org; rfriedman@jcv.org; lvq@outlook.com; jon@jonentine.com; kfolta@ufl.edu; kjbradford@ucdavis.edu; James Collins; jdmurray@ucdavis.edu; bslutsky@amseed.org; Guy Cardineau; jolewis@ucdavis.edu; mark@recombinetics.com; Deborah Relph; Lauren Burkhart
Subject: RE: European call to loosen up regulation for genome editing

Dear all,
Please find attached a conference report from a major conference in Ireland on the future of GMO regulation held last year.....

Of note are the following extracts:

"There was general agreement that the EU regulatory system pertaining to GM crops is cumbersome, expensive, not proportionate to the risks and is not functioning properly for the workings of the internal market. It is evident that this dysfunctional regulatory system is responsible for biotech job losses in the

EU as two multinational companies have already given up on the EU regulatory regime for cultivation purposes.

There was a discussion on why Ireland should support a 'product/phenotype' based regulatory system, rather than the current 'process' based regulatory system and that it would better serve EU farmers and SME's.

Of paramount importance will be how the New Techniques (NTs) for plant-breeding and the genetic modification of microbes will be regulated at EU level. It is likely that some of the NTs currently under scrutiny will not be regulated as GMOs in other jurisdictions.

Finally, it was expressed widely that there is an urgent need for a coherent policy document regarding GMO Technology in Ireland."

From: Channa Prakash [<mailto:prakash@mytu.tuskegee.edu>]

Sent: October 28, 2014 08:05

To: Gary Marchant

Cc: Dennis Karjala; Joshua Abbott; ystevens@asu.edu; dkershen@ou.edu; alan.mchughen@ucr.edu; steve.Strauss@oregonstate.edu; tpr@geeclaw.com; bchassy@illinois.edu; henry.miller@stanford.edu; jsax@cwsf.edu; Charles Arntzen; alvaneenennaam@ucdavis.edu; nvf1@psu.edu; amassey@bio.org; wozniak.chris@epa.gov; scarter@jcvf.org; rfriedman@jcvf.org; lvq@outlook.com; jon@jonentine.com; kfolta@ufl.edu; kjbradford@ucdavis.edu; Morris, Shane; James Collins; jdmurray@ucdavis.edu; bslutsky@amseed.org; Guy Cardineau; jolewis@ucdavis.edu; mark@recombinetics.com; Deborah Relph; Lauren Burkhart

Subject: European call to loosen up regulation for genome editing

<http://www.belfasttelegraph.co.uk/news/local-national/uk/eu-urged-to-relax-gm-restrictions-30697811.html>

C S Prakash

On Oct 24, 2014, at 4:13 PM, Gary Marchant <Gary.Marchant@asu.edu> wrote:

Dear Workshop Participant – on behalf of the Planning Committee, thank you for agreeing to participate in our workshop on “Directed Genetic Modification Technologies: An Opportunity for Science-Based Regulatory Reform” on January 14 in Scottsdale Arizona. Here are some logistics for the workshop:

1. We have an excellent group of participants (see attached list). Please send me any corrections on how you would like your name and affiliation listed on the final program. The meeting room only holds 30 people in its large roundtable set-up, so we are at maximum capacity and unfortunately will not be able to accommodate any other participants.

2. The workshop will be held at the ASU Skysong facility, 1475 North Scottsdale Road in Scottsdale, Arizona. This facility is about a 10 minute cab ride from the Phoenix airport (Sky Harbor).
3. The workshop will run from 9 am to 4:30 pm. We will send out an agenda in the next couple weeks. Most of the time on the agenda will be devoted to roundtable discussion, with just a few short presentations to start the discussions.
4. After the workshop, at 5 pm, we will be hosting an optional dinner for those staying over and wishing to attend at Los Sombreros, which is located close to the workshop site and features a unique and delicious type of Mexican food, a great ambience, and excellent Margaritas. ***Please let my assistant Debb Relph (Deborah.relph@asu.edu and cc'd above) if you plan to attend the dinner so we can make a reservation for the appropriate number of people.***
5. For those of you traveling from out of town, please go ahead and make your own flight reservations and we will reimburse you. Per our university rules, we can only reimburse economy fare flights. We will also reimburse you for airport parking, taxis, and other reasonable travel expenses. We will be arranging ground transportation between the hotel and meeting site, so you should not need a rental car and can use taxis to get to and from the Phoenix airport.
6. We have reserved and paid for a block of rooms at the Tempe Aloft hotel, the closest nice hotel to the meetings site (5 minutes away). ***Please let Debb Relph (Deborah.relph@asu.edu and cc'd above) know which nights you would like a room for and she will make a reservation for you.***
7. We have created a password-protected site for materials related to the workshop at <http://conferences.asucollegeoflaw.com/gmotech/>. The password is: asugmo. This site includes a folder of relevant articles and writings on the topic of new directed genetic modification technologies. We have not screened these articles for how credible or valid they are – but rather wanted to create a repository for your availability of all different perspectives and positions on these issues. The repository is certainly incomplete – please feel free to send me any other articles or papers you think relevant.
8. We are working to create an online forum for pre- and post-workshop discussion among participants. We will send out info about that forum soon.

Thanks again for your participation, and we will be sending additional info on agenda, online forum, etc soon. In the meantime, please feel free to send me any questions, concerns or suggestions. We look forward to a great workshop on January 14.

Gary Marchant on behalf of the Workshop Planning Committee

Gary Marchant, ASU
Dennis Karjala, ASU
Joshua Abbott, ASU

Yvonne Stevens, ASU
Drew Kershen, U. Oklahoma College of Law
Alan McHughen, UC Riverside
Channapatna Prakash, Tuskegee
Steven Strauss, Oregon State

Gary Marchant, Ph.D., J.D.
Regents' Professor and Lincoln Professor of Emerging Technologies, Law & Ethics
Faculty Director, Center for Law, Science & Innovation,
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Check out our blog: [Bits, Bots & Biomarkers | Blawg of the Center for Law, Science & Innovation at ASU's Sandra Day O'Connor College of Law](#)

<January 14 Workshop Participants.docx>